

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently amended): A field emission display having a self-adhesive frame comprising:

a cathode plate having a plurality of cathode conductors disposed thereon;

an anode plate having a plurality of anode conductors disposed thereon, said anode plate being disposed in spaced overlaying relationship with respect to said cathode plate; and,

a frame disposed between said cathode and anode plates and having an enclosed space formed internal to said frame between said cathode and anode plates, said frame including:

a main body having a closed contour to define said enclosed space, said main body having a cathode plate sealing surface and an opposing anode plate sealing surface;

a first adhesive disposed on said cathode plate sealing surface and said anode plate sealing surface ~~for~~ and sealing said enclosed space responsive to an application of heat thereto;

a plurality of fixing side strips extending outwardly from an outer side of the main body, each of said fixing side strips having a cathode plate facing surface and an anode plate facing surface; and

a second adhesive disposed on said cathode plate facing surface and said anode plate facing surface of each of said fixing side strips, said second adhesive ~~being adapted for bonding~~ via light activation said frame to said cathode and anode plates ~~without the use of heat, said second adhesive being removed by said application of heat to seal said enclosed space, wherein~~ such that said frame, said cathode plate and said anode plate are maintained in registration prior to said application of heat by bonding of said second adhesive until said first adhesive seals said enclosed space.

Claim 2 (Cancelled).

Claim 3 (Previously presented): The field emission display as claimed in claim 1, wherein said main body has a rectangular contour.

Claim 4 (Previously presented): The field emission display as claimed in claim 1, wherein the cathode plate sealing surface and the anode plate sealing surface are parallel mutually.

Claim 5 (Previously presented): The field emission display as claimed in claim 1, wherein said first adhesive is a glass glue, said glass glue being heated within a range of 420° to 500° C to seal said enclosed space.

Claims 6-8 (Cancelled).

Claim 9 (Previously presented): The field emission display as claimed in claim 1, wherein a first of said plurality of fixing side strips extends in parallel relationship with said cathode conductors and a second of said plurality of fixing side strips extends in parallel relationship with said anode conductors.

Claim 10 (New): A self-adhesive frame for spacing cathode and anode plates of a field emission display in a separate manufacturing process comprising:

- a main body separated from the cathode and anode plates and having a closed contour, said main body having a cathode plate sealing surface and an opposing anode plate sealing surface;

- a glass adhesive disposed in a dried un-fused state on said cathode plate sealing surface and said anode plate sealing surface;

a plurality of fixing side strips extending outwardly from an outer side of the main body, each of said fixing side strips having a cathode plate facing surface and an anode plate facing surface; and

a light-activated adhesive disposed in an un-activated state on said cathode plate facing surface and said anode plate facing surface of each of said fixing side strips.

Claim 11 (New): The field emission display as claimed in claim 10, wherein said main body has a rectangular contour.

Claim 12 (New): The field emission display as claimed in claim 10, wherein the cathode plate sealing surface and the anode plate sealing surface are parallel mutually.